

Refine Search

Search Results -

Terms	Documents
L22 not L11	3

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L23

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L23</u>	L22 not L11	3	<u>L23</u>
<u>L22</u>	L21 and L1	3	<u>L22</u>
<u>L21</u>	L20 and L9	32	<u>L21</u>
<u>L20</u>	(L17 or L18 or L19) and L2	1517	<u>L20</u>
<u>L19</u>	709/204.ccls.	1946	<u>L19</u>
<u>L18</u>	709/227.ccls.	3707	<u>L18</u>
<u>L17</u>	709/220-221.ccls.	3425	<u>L17</u>
<u>L16</u>	L15 and (detect\$3 with movement with icon)	0	<u>L16</u>
<u>L15</u>	L14 and (GUI or (graphical near user near interface))	45	<u>L15</u>
<u>L14</u>	L13 and (L1 or L9)	118	<u>L14</u>
<u>L13</u>	709/\$.ccls.	51778	<u>L13</u>
<u>L12</u>	L11 not L8	0	<u>L12</u>
<u>L11</u>	L10 and L1	1	<u>L11</u>
<u>L10</u>	L9 and L6	12	<u>L10</u>

<u>L9</u>	simultaneous with communication with session	333	<u>L9</u>
<u>L8</u>	L7 and L2	1	<u>L8</u>
<u>L7</u>	L6 and L1	6	<u>L7</u>
<u>L6</u>	707/\$.ccls.	41156	<u>L6</u>
<u>L5</u>	L4 and (detect\$3 with movement with icon)	0	<u>L5</u>
<u>L4</u>	L3 and (GUI or (graphical near user near interface))	50	<u>L4</u>
<u>L3</u>	L1 and L2	60	<u>L3</u>
<u>L2</u>	communication with session	28650	<u>L2</u>
<u>L1</u>	display\$3 with icon with participant	204	<u>L1</u>

END OF SEARCH HISTORY

-F2

-C2

-S2

Refine Search

Search Results -

Terms	Documents
L15 and (detect\$3 with movement with icon)	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L16

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L16</u>	L15 and (detect\$3 with movement with icon)	0	<u>L16</u>
<u>L15</u>	L14 and (GUI or (graphical near user near interface))	45	<u>L15</u>
<u>L14</u>	L13 and (L1 or L9)	118	<u>L14</u>
<u>L13</u>	709/\$.ccls.	51778	<u>L13</u>
<u>L12</u>	L11 not L8	0	<u>L12</u>
<u>L11</u>	L10 and L1	1	<u>L11</u>
<u>L10</u>	L9 and L6	12	<u>L10</u>
<u>L9</u>	simultaneous with communication with session	333	<u>L9</u>
<u>L8</u>	L7 and L2	1	<u>L8</u>
<u>L7</u>	L6 and L1	6	<u>L7</u>
<u>L6</u>	707/\$.ccls.	41156	<u>L6</u>
<u>L5</u>	L4 and (detect\$3 with movement with icon)	0	<u>L5</u>
<u>L4</u>	L3 and (GUI or (graphical near user near interface))	50	<u>L4</u>
<u>L3</u>	L1 and L2	60	<u>L3</u>

L2 communication with session
L1 display\$3 with icon with participant

28650 L2
204 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L11 not L8	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L12

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L12</u>	L11 not L8	0	<u>L12</u>
<u>L11</u>	L10 and L1	1	<u>L11</u>
<u>L10</u>	L9 and L6	12	<u>L10</u>
<u>L9</u>	simultaneous with communication with session	333	<u>L9</u>
<u>L8</u>	L7 and L2	1	<u>L8</u>
<u>L7</u>	L6 and L1	6	<u>L7</u>
<u>L6</u>	707/\$.ccls.	41156	<u>L6</u>
<u>L5</u>	L4 and (detect\$3 with movement with icon)	0	<u>L5</u>
<u>L4</u>	L3 and (GUI or (graphical near user near interface))	50	<u>L4</u>
<u>L3</u>	L1 and L2	60	<u>L3</u>
<u>L2</u>	communication with session	28650	<u>L2</u>
<u>L1</u>	display\$3 with icon with participant	204	<u>L1</u>

END OF SEARCH HISTORY

1/15/07 2/15/07

Refine Search

Search Results -

Terms	Documents
L7 and L2	1

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L8</u>	L7 and L2	1	<u>L8</u>
<u>L7</u>	L6 and L1	6	<u>L7</u>
<u>L6</u>	707/\$.ccls.	41156	<u>L6</u>
<u>L5</u>	L4 and (detect\$3 with movement with icon)	0	<u>L5</u>
<u>L4</u>	L3 and (GUI or (graphical near user near interface))	50	<u>L4</u>
<u>L3</u>	L1 and L2	60	<u>L3</u>
<u>L2</u>	communication with session	28650	<u>L2</u>
<u>L1</u>	display\$3 with icon with participant	204	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L10 and ((second near icon) with participant)	4

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L11

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L11</u>	L10 and ((second near icon) with participant)	4	<u>L11</u>
<u>L10</u>	L9 and (icon\$1 with position)	534	<u>L10</u>
<u>L9</u>	L8 and (detect\$3 with movement)	1942	<u>L9</u>
<u>L8</u>	(5 or L7) and L4	36043	<u>L8</u>
<u>L7</u>	L6 not L5	2706	<u>L7</u>
<u>L6</u>	L2 and L3	5035	<u>L6</u>
<u>L5</u>	L1 and L3	2329	<u>L5</u>
<u>L4</u>	display\$3 with icon\$1	42832	<u>L4</u>
<u>L3</u>	desir\$3 same communicat\$4	68826	<u>L3</u>
<u>L2</u>	communicat\$4 same session\$1	43769	<u>L2</u>
<u>L1</u>	establish\$3 same communicat\$4 same session\$1	14341	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L15 and (display\$3 with icon with participant)	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L16

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L16</u>	L15 and (display\$3 with icon with participant)	0	<u>L16</u>
<u>L15</u>	detect\$3 with movement with icon\$1 with position\$3	51	<u>L15</u>
<u>L14</u>	detect\$3 with movement with icon\$1 with position\$	50	<u>L14</u>
<u>L13</u>	L12 not L11	0	<u>L13</u>
<u>L12</u>	L1 and ((second adj icon) with participant)	4	<u>L12</u>
<u>L11</u>	L10 and ((second near icon) with participant)	4	<u>L11</u>
<u>L10</u>	L9 and (icon\$1 with position)	534	<u>L10</u>
<u>L9</u>	L8 and (detect\$3 with movement)	1942	<u>L9</u>
<u>L8</u>	(5 or L7) and L4	36043	<u>L8</u>
<u>L7</u>	L6 not L5	2706	<u>L7</u>
<u>L6</u>	L2 and L3	5035	<u>L6</u>
<u>L5</u>	L1 and L3	2329	<u>L5</u>
<u>L4</u>	display\$3 with icon\$1	42832	<u>L4</u>
<u>L3</u>	desir\$3 same communicat\$4	68826	<u>L3</u>

<u>L2</u>	communicat\$4 same session\$1	43769	<u>L2</u>
<u>L1</u>	establish\$3 same communicat\$4 same session\$1	14341	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(L1 or L2) and (icon with participant)	4

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
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Search:

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L4</u>	(L1 or L2) and (icon with participant)	4	<u>L4</u>
<u>L3</u>	(L1 or L2) and (display\$3 with icon with participant)	0	<u>L3</u>
<u>L2</u>	margaret near macphail	91	<u>L2</u>
<u>L1</u>	david near kumhyr	165	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[First Hit](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20030065955 A1

L4: Entry 1 of 4

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065955

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030065955 A1

TITLE: Selection and interconnection of computer-based communications techniques

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 2. Document ID: US 20030065723 A1

L4: Entry 2 of 4

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065723

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030065723 A1

TITLE: Computer-based communication using multiple communications channels

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 3. Document ID: US 20030065666 A1

L4: Entry 3 of 4

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065666

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030065666 A1

TITLE: Method, system and program for switching between various computer-based communication techniques

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20030063121 A1

L4: Entry 4 of 4

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030063121

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030063121 A1

TITLE: Determining availability of participants or techniques for computer-based communication

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Terms

Documents

(L1 or L2) and (icon with participant)

4

Display Format: [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
L4 and ((second adj icon) with detect\$3 with movement)	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L5

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L5</u>	L4 and ((second adj icon) with detect\$3 with movement)	0	<u>L5</u>
<u>L4</u>	(L1 or L2) and (icon with participant)	4	<u>L4</u>
<u>L3</u>	(L1 or L2) and (display\$3 with icon with participant)	0	<u>L3</u>
<u>L2</u>	margaret near macphail	91	<u>L2</u>
<u>L1</u>	david near kumhyr	165	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L7 not L4	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L8



Refine Search

Recall Text



Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L8</u>	L7 not L4	0	<u>L8</u>
<u>L7</u>	L6 and (icon with participant)	4	<u>L7</u>
<u>L6</u>	detect\$3 with position with movement with icon	47	<u>L6</u>
<u>L5</u>	L4 and ((second adj icon) with detect\$3 with movement)	0	<u>L5</u>
<u>L4</u>	(L1 or L2) and (icon with participant)	4	<u>L4</u>
<u>L3</u>	(L1 or L2) and (display\$3 with icon with participant)	0	<u>L3</u>
<u>L2</u>	margaret near macphail	91	<u>L2</u>
<u>L1</u>	david near kumhyr	165	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L7 and (detect\$3 with movement)	1

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L8



Refine Search

Recall Text



Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L8</u>	L7 and (detect\$3 with movement)	1	<u>L8</u>
<u>L7</u>	L6 and (icon with represent\$3 with participant)	2	<u>L7</u>
<u>L6</u>	L5 and L2	40	<u>L6</u>
<u>L5</u>	715/\$.ccls.	28589	<u>L5</u>
<u>L4</u>	L3 and L2	0	<u>L4</u>
<u>L3</u>	715/700.ccls.	959	<u>L3</u>
<u>L2</u>	L1 and (icon\$1 with position)	179	<u>L2</u>
<u>L1</u>	communicat\$4 with session	31537	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L11 and (detect\$3 with movement)	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L12

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, February 15, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name **Query**
 side by side

Hit Count **Set Name**
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L12</u>	L11 and (detect\$3 with movement)	0	<u>L12</u>
<u>L11</u>	L10 and (icon\$1 with position)	4	<u>L11</u>
<u>L10</u>	L9 and L1	78	<u>L10</u>
<u>L9</u>	715/753.ccls.	346	<u>L9</u>
<u>L8</u>	L7 and (detect\$3 with movement)	1	<u>L8</u>
<u>L7</u>	L6 and (icon with represent\$3 with participant)	2	<u>L7</u>
<u>L6</u>	L5 and L2	40	<u>L6</u>
<u>L5</u>	715/\$.ccls.	28589	<u>L5</u>
<u>L4</u>	L3 and L2	0	<u>L4</u>
<u>L3</u>	715/700.ccls.	959	<u>L3</u>
<u>L2</u>	L1 and (icon\$1 with position)	179	<u>L2</u>
<u>L1</u>	communicat\$4 with session	31537	<u>L1</u>

END OF SEARCH HISTORY


```

Set      Items  Description
S1       34013  S ICON? ?
S2       4395   S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL) (3W) S1
S3       3223   S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER ) (3W) S1
S4       1295   S (S2 OR S3) (5N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR
DRAGGED OR DRAGGING) (5N) (S2 OR S3)
S5       1257   S (S2 OR S3) (3N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR
DRAGGED OR DRAGGING) (3N) (S2 OR S3)
S6       15537  S S1 (3N) (REPRESENT?? OR REPRESENTING OR REPRESENTATION? ? OR IS OR
STAND? () FOR OR SYMBOL? OR CORRESPOND?? OR CORRESPONDING OR CORRESP )
S7       3572   S S6 (5N) (USER? ? OR ENDUSER? ? OR MEMBER? ? OR PARTICIPANT? ? OR
INDIVIDUAL? ? )
S8       3993414 S APPLICATION? ? OR PROGRAM? ? OR SOFTWARE
S9       80476  S S8 (3N) (COMMUNICATION? ? OR COMMUNICATING OR MESSAGE? ? OR MESSAGING OR
CONVERSATION? ? OR DISCUSSION? ?)
S10      1684522 S IM OR INSTANT() (MESSENGER? ? OR MESSAGING) OR CHAT OR FORUM? ?
S11      4719   S (S9 OR S10) (3N) (DESIRE? ? OR CHOSEN OR CHOICE OR SELECTED OR
SELECTION? ? OR PREFER? ? OR PREFERENCE? ? OR PREFERRED OR WANT OR WANTS OR WANTED OR
FAVORITE? ?)
S12      7      S S6 (5N) S11
S13      97     S S6 (5N) (S9 OR S10)
S14      433    S S5 (30N) (S7 OR S13)
S15      9      S S5 (30N) S7 (30N) S13
S16      9      IDPAT (sorted in duplicate/non-duplicate order)
S17      9      IDPAT (primary/non-duplicate records only)
S18      2      S S5 (30N) S12
S19      0      S S18 NOT S17
S20      176    S S5 (30N) (S9 OR S10)
S21      27     S S5 (30N) S11
S22      24     S S21 NOT S17
S23      17     S S22 NOT AY>2001
S24      17     IDPAT (sorted in duplicate/non-duplicate order)
S25      16     IDPAT (primary/non-duplicate records only)
; show files

```

[File 348] **EUROPEAN PATENTS 1978-2007/ 200706**

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**File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT 1979-2007/UB=20070208UT=20070201**

(c) 2007 WIPO/Thomson. All rights reserved.

**File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 350] **Derwent WPIX 1963-2006/UD=200710**

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**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

Set	Items	Description
S1	17330	S ICON? ?
S2	162	S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL) (3W) S1
S3	119	S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER) (3W) S1
S4	0	S S2 (5N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR DRAGGED OR DRAGGING) (5N) S3
S5	328	S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL) (3N) S1
S6	260	S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER) (3N) S1
S7	0	S S5 (5N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR DRAGGED OR DRAGGING) (5N) S6
S8	4	S (S2 OR S3) (5N) (OVERLAP? ? OR OVERLAPPED OR OVERLAPPING OR OVERLAY? ? OR OVERLAID OR OVERLAYING OR SUPERIMPOSE? ? OR SUPERIMPOSING) (5N) (S2 OR S3)
S9	2	RD (unique items)
S10	7	S S5 (5N) (OVERLAP? ? OR OVERLAPPED OR OVERLAPPING OR OVERLAY? ? OR OVERLAID OR OVERLAYING OR SUPERIMPOSE? ? OR SUPERIMPOSING) (5N) S6
S11	5	S S10 NOT S9
S12	2	RD (unique items)

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9/5/1 (Item 1 from file: 8) Links

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05919697 E.I. Monthly No: EIM9006-026165

Title: IconicBrowser: An iconic retrieval system for object-oriented databases.

Author: Tsuda, Kazuyuki; Hirakawa, Masahito; Tanaka, Minoru; Ichikawa, Tadao

Corporate Source: Hiroshima Univ, Fac of Eng, Saijo, Jpn

Conference Title: IEEE Workshop on Visual Languages 1989 (VL89)

Conference Location: Rome, Italy **Conference Date:** 19891004

Sponsor: Univ of Pittsburgh, Pittsburgh, PA, USA; Univ of Rome, Rome, Italy; Univ of Salerno, Dipartimento di Informatica ed Applicazioni, Salerno, Italy; VL Foundation

E.I. Conference No.: 13187

Source: IEEE Workshop Visual Lang 1989 VL89. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA.

Available from IEEE Service Cent (cat n 89TH0277-4), Piscataway, NJ, USA. p 130-137

Publication Year: 1989

Language: English

Document Type: PA; (Conference Paper) **Treatment:** X; (Experimental)

Journal Announcement: 9006

Abstract: The IconicBrowser, which allows the user to retrieve objects in a database by means of icons, is described. Icons represent classes and objects in the database. Queries are specified by **overlapping one icon** over another. The system then interprets them into database operations, depending on their combination. At the same time, the system generates predicate-based (text-base) queries which can be used in other applications of the database. 12 Refs.

Descriptors: *INFORMATION SCIENCE--*Information Retrieval; DATABASE SYSTEMS; COMPUTER INTERFACES

Identifiers: OBJECT ORIENTED DATABASES; ICONICBROWSER; ICONIC RETRIEVAL SYSTEMS; QUERY PROCESSING

Classification Codes:

903 (Information Science); 723 (Computer Software)

90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

9/5/2 (Item 1 from file: 94) **Links**

Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT
JICST-EPlus

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00882967 **JICST Accession Number:** 89A0242981 **File Segment:** JICST-E

Development of iconicbrowser.

HORIO YOSHIHISA (1); TSUDA KAZUYUKI (1) ; HIRAKAWA MASAHIITO (2); TANAKA MASARU (2);
ICHIKAWA TADAO (2)

(1) Hiroshima Univ., Graduate School ; (2) Hiroshima Univ., Faculty of Engineering

Joho Shori Gakkai Kenkyu Hokoku , 1989 , VOL.89,NO.23(DBS-70) , PAGE.70-4,1-8 , FIG.15, TBL.1, REF.6

Journal Number: Z0031BAO **ISSN:** 0919-6072

Universal Decimal Classification: 681.3:061.68

Language: Japanese **Country of Publication:** Japan

Document Type: Journal

Article Type: Original paper

Media Type: Printed Publication

Abstract: Query languages for object-oriented databases are complicated for the user unfamiliar with database manipulation. Development of friendly interfaces which can be easily manipulated by the novice user is strongly requested. This paper describes an iconicbrowser which enables the user to retrieve objects by means of icons. Icons represent classes and objects in the database. Queries are specified by **overlapping one icon** over another. The iconicbrowser interprets **overlapped** icons into the database operations, and then displays the result to the user.(author abst.)

Descriptors: user; system interface; man-machine system; data retrieval; DBMS; menu system; CRT display; relational data base; database schema

Broader Descriptors: interface; system; fact retrieval; information retrieval; retrieval; computer application system; method; display device; equipment; database

Classification Codes: JD03030U

Set	Items	Description
S1	17330	S ICON? ?
S2	162	S (FIRST OR 1ST OR ONE OR INITIAL OR ORIGINAL) (3W) S1
S3	119	S (SECOND OR 2ND OR SECONDARY OR ANOTHER OR ADDITIONAL OR OTHER) (3W) S1
S4	7	S (S2 OR S3) (3N) (MOVE? ? OR MOVING OR MOVEMENT OR DRAG OR DRAGS OR DRAGGED OR DRAGGING) (3N) (S2 OR S3)
S5	5	RD (unique items)

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5/5/1 (Item 1 from file: 2) **Links**

INSPEC

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08011838 **INSPEC Abstract Number:** C2001-09-6110V-001

Title: Visual languages: concepts, constructs and claims

Author Levialdi, S.

Author Affiliation: Pictorial Comput. Lab., Univ. of Rome La Sapienza, Italy

Conference Title: ITI 2001. Proceedings of the 23rd International Conference on Information Technology Interfaces (IEEE Cat. No.01EX491) **Part** vol.1 p. 29-33 vol.1

Editor(s): Kalpic, D.; Dobric, V.H.

Publisher: Univ. Zagreb , Zagreb, Croatia

Publication Date: 2001 **Country of Publication:** Croatia 2 vol. (xiv+478+14) pp.

ISBN: 953 96769 3 2 **Material Identity Number:** XX-2001-01057

Conference Title: Proceedings 23rd International Conference Information Technology Interfaces. ITI 2001

Conference Sponsor: IMACS; SCS; World Sci. & Eng. Soc

Conference Date: 19-22 June 2001 **Conference Location:** Pula, Croatia

Language: English **Document Type:** Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Historically (1984) a group of researchers at Hiroshima University, Japan, considered how to bridge the chasm between high level programming languages and the human level by introducing a purely graphical language (called visual) which would be able to express both data and control structures so that real programs could be drawn. This basic idea stemmed from a natural extension of the direct manipulation interface where icons are selected, **dragged** and placed near/on top of **other icons** so as to express actions that may entail processes of variable complexity. The concept of usability, in terms of human acceptance and satisfaction of the visual language, was introduced so as to enable a human-centered evaluation of the implemented prototypes. At the same time, research has also considered graphical layout on the screen, a number of different visualization strategies, the user task analysis, user modeling, icon design according to different user cultures and background, a definition of state within an interactive system, and many others as may be seen by the growing number of meetings on all these subjects. The paper discusses the concepts and claims of visual languages. (23 Refs)

Subfile: C

Descriptors: graphical user interfaces; visual languages; visual programming

Identifiers: graphical language; data structures; direct manipulation interface; icons; usability; visual language; human-centered evaluation; task analysis; user modeling; icon design; interactive system; visual programming

Class Codes: C6110V (Visual programming); C6140D (High level languages)

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5/5/3 (Item 1 from file: 6) **Links**

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PB2007-101416/XAB

Motion-Based Visualization, Part Two

Bobrow, R. J. ; Roberts, R. B. ; Ware, C. ; Pickett, R. M.

Fish and Neave IP Group, Boston, MA.

Corporate Source Codes: 888888888

Sponsor: National Imagery and Mapping Agency, Bethesda, MD.

Report Number: PAT-APPL-11-431 678

Filed 10 May 06 16p

Language: English Document Type: Patent

Journal Announcement: USGRDR0708

Sponsored by National Imagery and Mapping Agency, Bethesda, MD.

This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of patent available Commissioner of Patents, Washington, DC 20231. Product reproduced from digital image.

NTIS Prices: PC A03/MF A01

Country of Publication: United States

Contract Number: NMA 401-01-C-0019

A data-display system employs a display in which the representations of data objects are caused to move on the display in order to convey information about the represented data objects. In **one** example, **icons** in a link-analysis display that represent data objects satisfying a selection criterion are made to execute distinctive motion. In another example, three-dimensional models of **moving** bodies in whose features components of respective data objects are encoded are projected onto a screen plane, and the resultant values are used to generate the display. A data-display system employs a display in which the representations of data objects are caused to **move** on the display in order to convey information about the represented data objects. In **one** example, **icons** in a link-analysis display that represent data objects satisfying a selection criterion are made to execute distinctive motion. In another example, three-dimensional models of moving bodies in whose features components of respective data objects are encoded are projected onto a screen plane, and the resultant values are used to generate the display.

Descriptors: *Patent applications; Data displays; Data objects

Identifiers: *Data-display systems; *Motion-based visualization; NTISGPDOD

Section Headings: 62GE (Computers, Control, and Information Theory--General); 45C (Communication--Common Carrier and Satellite); 90D (Government Inventions For Licensing--Biology and Medicine)